

Recovery Plan Action Status

Plan Name: Hairy Rattleweed (=Wild Indigo)

Plan Status: Final

Plan Date: 19-Mar-84

Lead Agency: USFWS

Lead Office: Georgia Ecological Services Field Office

(706)

613-9493)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hairy rattleweed (Baptisia arachnifera)	1	11	Encourage private landowners to protect existing stands.	Ongoing Current	FY 1995 - FY 1999	FY 2100	Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Botanical Society	Acquisition: Management Agreement	Internal Field Assistance	DNR has 3K for technical assistance in FY84.
Hairy rattleweed (Baptisia arachnifera)	1	12	Encourage Georgia DOT to protect existing stands.	Ongoing Current	Prior to FY 1995	FY 2100	USFWS Regional Office 4, Georgia Department of Transportation, Brantley and Wayne Co., GA	Management: Land Use	Internal Field Assistance	
Hairy rattleweed (Baptisia arachnifera)	1	13	Encourage Georgia Power Company to protect existing stands.	Ongoing Current	Prior to FY 1995	FY 2011	Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Power Company	Acquisition: Management Agreement	Internal Field Assistance	
Hairy rattleweed (Baptisia arachnifera)	2	14	Encourage State or Federal protection of one or more sites.	Not Started	FY 2011	FY 2012	Georgia Department of Natural Resources, USFWS Regional Office 4	Acquisition: Fee Title	Internal Field Assistance	
Hairy rattleweed (Baptisia arachnifera)	2	21	Determine population monitoring methods.	Complete	Prior to FY 1995	Prior to FY 1995	Georgia Department of Natural Resources, USFWS Regional Office 4	Research: Population Surveys	Contract	
Hairy rattleweed (Baptisia arachnifera)	2	22	Monitor habitat trends.	Ongoing Current	Prior to FY 1995	FY 2100		Research: Population Surveys	Contract	
Hairy rattleweed (Baptisia arachnifera)	2	23	Check sites for disturbance.	Ongoing Current	Prior to FY 1995	FY 2100		Research: Population Surveys	Contract	
Hairy rattleweed (Baptisia arachnifera)	2	24	Gather data on population size and reproduction.	Ongoing Current	Prior to FY 1995	FY 2100		Research: Other Information	Contract	
Hairy rattleweed (Baptisia arachnifera)	2	25	Define self-sustaining population.	Not Started	FY 2011	FY 2016	Georgia Department of Natural Resources, USFWS Regional Office 4	Research: Habitat Status	Contract	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hairy rattlesnake (Baptisia arachnifera)	3	31	Identify potential habitat.	Not Started	FY 2011	FY 2016	Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Botanical Society	Research: Habitat Status	Contract	The 2.5K will be distributed over FY's 1 and 2.
Hairy rattlesnake (Baptisia arachnifera)	3	32	Conduct ground search.	Not Started	FY 2011	FY 2016		Research: Habitat Status	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	33	Train personnel to identify hairy rattlesnake.	Not Started	FY 2011	FY 2016		Other: Information and Education	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	41	Propagate hairy rattlesnake.	Partially Complete	Prior to FY 1995	FY 2010	U.S. Forest Service, Callaway Gardens	Research: Propagation	Species Expert	
Hairy rattlesnake (Baptisia arachnifera)	3	42	Maintain in germ plasm banks.	Not Started	FY 2011	FY 2016		Research: Genetics	Graduate Student	
Hairy rattlesnake (Baptisia arachnifera)	3	43	Establish new stands.	Ongoing Not Current	Prior to FY 1995	FY 2011	Georgia Department of Natural Resources, USFWS Regional Office 4, Brunswick Pulp and Land Company, Rayonier Corporation	Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	51	Study life history.	Partially Complete	FY 2011	FY 2016	Georgia Department of Natural Resources, USFWS Regional Office 4	Research: General	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	511	Map vegetation.	Ongoing Current	FY 2000 - FY 2004	FY 2011		Research: Demographic Studies	Graduate Student	
Hairy rattlesnake (Baptisia arachnifera)	3	512	Establish monitoring plots.	Complete	Prior to FY 1995	FY 1995 - FY 1999		Research: Demographic Studies	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	513	Assess population changes.	Ongoing Current	Prior to FY 1995	FY 2100		Research: Population Surveys	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	514	Determine reproductive and breeding systems.	Not Started	FY 2011	FY 2016		Research: Propagation	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	515	Identify pollinators.	Not Started	FY 2011	FY 2016		Research: Propagation	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	516	Study germination and establishment.	Not Started	FY 2011	FY 2016		Research: Propagation	Contract	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hairy rattlesnake (Baptisia arachnifera)	3	521	Define edaphic requirements.	Not Started	FY 2011	FY 2016		Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	522	Define light relations.	Not Started	FY 2011	FY 2016		Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	523	Examine competition by vegetation.	Not Started	FY 2011	FY 2016		Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	524	Examine other competition.	Not Started	FY 2011	FY 2016		Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	53	Determine effective management.	Not Started	FY 2011	FY 2016	U.S. Forest Service, Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Department of Transportation, Georgia Forestry Commission, Brunswick Pulp and Land Company, Rayonier Corporation	Research: Habitat Requirements	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	531	Conduct experimental burning.	Ongoing Current	Prior to FY 1995	FY 2016		Research: Habitat Requirements	Species Expert	
Hairy rattlesnake (Baptisia arachnifera)	3	532	Conduct experimental reforestation.	Ongoing Current	Prior to FY 1995	FY 2016		Research: Habitat Requirements	Species Expert	
Hairy rattlesnake (Baptisia arachnifera)	3	533	Assess effects of pesticides, herbicides.	Not Started	FY 2011	FY 2016		Research: Environmental Contaminants	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	534	Prepare management recommendations.	Ongoing Current	FY 2006	FY 2011	Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Department of Transportation, Brunswick Pulp and Land Company, Rayonier Corporation	Management: General	Contract	
Hairy rattlesnake (Baptisia arachnifera)	3	6	Develop public awareness and support.	Not Started	FY 2011	FY 2016	Georgia Department of Natural Resources, USFWS Regional Office 4, Georgia Botanical Society	Other: Information and Education	Internal Field Assistance	